	Approv	ed For Release 2008/08/29 :	CIA-RDP80-00810	DA006800510001-3	25 X ′
		NOFOR! CENTRAL INTELLIGE!	NCE AGENCY	REPORT	
		INFORMATION	REPORT	CD NO.	
DUNTRY	Poland			DATE DISTR. 1 July 1955	
JBJECT	Power Sta	ation in Oswiecim		NO. OF PAGES 2	
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F THE UNITED ST ND 794. OF THE TION OF ITS CO	ATES, WITHIN THE MEAR U. S. CODE, AS AMENDE NTENTS TO OR RECEIPT	AFFECTING THE NATIONAL DEFENSE HING OF TITLE 18, SECTIONS 793 D. ITS TRANSMISSION OR REVEL- BY AN UNAUTHORIZED PERSON ION OF THIS FORM IS PROMIBITED.	THIS IS UNEV	25X1 VALUATED INFORMATION	25X1
1.	Boilers No a steam pi	eir (Auschwitz) power sta os 1, 2, 3, 4, 5, 6, 7, a resoure of 84 atmospheres entigrades.	and 9 ha v e a ca		•
2.	the Klinge	T.G. in Assessme. There i	n (construction	of apparentment and machin	·
3.	and 2, whi des Energi for the co mills will	also by installed at by	by the Vereinigns (united nated nate	te Volkseigne Betriebe	25X
4•	These mill attainable into the m	and pulverization of all s are especially used to mesh size of DIN 1171, tills in the size of haze	s are used for l materials whi c crush mineral size 100, if t elnuts or walnu	rushing of hard materials) the crushing, fine ch do not smear or stick. materials to the he materials are charged ts. The dust-culm dir	1
	sizing re s	mills are constructed to pectively. Materials with tter are dry crushed up to	th an initial m	oisture of 4 to 6	
5•	mill cases the rockin like grind chromium s to be crus spur geari	pectively. Materials with ter are dry crushed up to the supports, and grinding	th an initial motor a maximum was dishes consists steel. Easi (sic) consists.	oisture of 4 to 6 ter content of 18 percent. ted of gray iron and ly removed wearing parts ed of chill castings,	ILLEG
5•	mill cases the rockin like grind chromium s to be crus spur geari	pectively. Materials with ter are dry crushed up to the supports, and grinding g levers consisted of calling rings and Wakenmantel teel, and austenitic manched. The turning. Mahlwaken (th an initial motor a maximum was dishes consist steel. Easi (sic) consist aganese	oisture of 4 to 6 ter content of 18 percent. ted of gray iron and ly removed wearing parts ed of chill castings,	ILLEG
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and gear wheels are en oil bath. The grinding roller bedding continuously are and cooled by a constant-circulation	
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Technical data and measurements of the mills erected at the Oswiecim	power plant
Some top the tell with the first to the tell tell revolutions of the	
engine: 1,500 r.p.m.; performance figure: 10 to 14 t/h; maximum size of the feed: 25 to 30 mm; net weight of the gear: 6,500 kg; net	9
weight of the mill without sifting device: 27,300 kg; total net weight of the mill with sifting device: 29,870 kg; service weight:	
30,500 kg; length: 3,300 mm; width: 2,000 mm; height without sifting device: 2,770 mm.	S
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INFORMATION REPORT

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COUNTRY	Poland Power Station in Oswiecim	,	DATE DISTR. 1 July 195	5
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- The Oswiecin (Auschwitz) power station will be constructed with 10 boilers. Boilers Nos 1, 2, 3, 4, 5, 6, 7, and 9 have a capacity of 130 t/h, with a steam pressure of 84 atmospheres, and a temperature capacity of 500 degrees centigrades.
- 2. Boilers Nos 8 and 10, so-called Rota boilers, have been constructed by the Rota Appearate- und Maschinenbau (construction of apparatuses and machines) fr. Hennig a.G. in Aachen. These boilers had originally been erected at the Klingenberg power station in Berlin and had been disassembled for the Oswiecim power station.
- 3. Three dust-culm air separation mills are used at both boilers Nos 1 and 2, which have been delivered by the Versinigte Volkseigne Betriebe des Energie- und Kraftmaschinenbaus (united nationalized enterprises for the construction of energy and power engines) (ERM). Similar dust culm mills will also be installed at boilers Nos 5 through 10. No dust-culm air separation mills are used at boilers Nos 3 and 4 which have been delivered

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- 4. The dust-culm air separation mills are constructed at VEB Hartserkleinerungsmaschinen (machines for the crushing of hard materials) at Teltow near Berlin. These mills are used for the crushing, fine grinding, and pulverization of all materials which do not smear or stick. These mills are especially used to crush mineral materials to the attainable mesh size of DIN 1171, size 100, if the materials are charged into the mills in the size of hazelnuts or walnuts. The dust-culm dir separation mills are constructed to be used for air sifting and screen sizing respectively. Materials with an initial moisture of 4 to 6 percent water are dry crushed up to a maximum water content of 18 percent.
- 5. Mill cases, supports, and grinding dishes consisted of gray iron and the rocking levers consisted of cast steel. Easily removed wearing parts like grinding ringsand Wakenmantel (sic) consisted of chill castings, chromium steel, and austenitic manganese steel according to materials to be crushed. The turning grinding dishes were fastened at a special spur gearing. Mahlwaken (sic) were to swing-out(sic) for the removal of worm parts. A suitable springing consisting of a high-quality spring steel brings about the high capacity of the mill (sic). The gear unit and roller bearing were equipped with double roller bearings. Bevel gears

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and gear wheels ran in an oil bath. The grinding roller bedding was continuously smeared and cooled by a constant-circulating cil.

echnical data and measurements of the mills erected at the Oswiecim power Count follow: direct drive with coupling, oil own, and electrometer meeting on a central frame; type H/LM 1250 mill; type H/KS 170 gear; revolutions of the grinding dishes: 55 r.p.m.; power consumption: 130 to 160 kW; revolutions of the engine: 1,500 r.p.m.; performance figure: 10 to 14 t/h; maximum size of the feed: 25 to 50 km; net weight of the gear: 6,500 kg; net weight of the mill without sifting device: 27,500 kg; total net weight of the mill with sifting device: 29,870 kg; service weight: 30,500 kg; length: 3,300 mm; width: 2,000 mm; height without sifting device: 2,770 mm.

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